

IN THE DRAWINGS

The attached sheet of drawings includes changes to the Figure. This sheet replaces the original sheet including the Figure.

Attachment: Replacement Sheet

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in view of the above amendments and in light of the following discussion, is respectfully requested.

Claims 11-15 and 21-25 are pending in the application. Claims 11, 13 and 15 are currently amended. Claims 16-20 are canceled without prejudice or disclaimer. No new matter is introduced.^{1,2}

In the outstanding Office Action, the single drawing was objected to for informalities. The Specification was objected to for informalities. Claims 11-15 were objected to for informalities. Claims 11-15 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 11-12 and 14-15 were rejected under 35 U.S.C. § 102(b) as anticipated by Holmgren (U.S. Patent No. 3,538, 123). Claim 13 is rejected as unpatentable over Holmgren in view of Rudden (U.S. Patent No. 6,298,626).

With respect to the objection the drawings, submitted herewith is a substitute Figure. The Applicant notes that the amended Figure includes objection points (1)-(6) and (8) of the Office Action. Point (7) has not been corrected because reference numerals 12 and 13 indicate “base lengths of the cavities,” not the cavities themselves.³ Accordingly, the Applicant respectfully requests that the objection to the drawings be withdrawn.

With respect to the objection to the Specification, submitted herewith is a substituted specification including a clean and marked copy. The substituted specification address points (1)-(7) and (10)-(12) of the Office Action. With respect to points (8) and (9) reference

¹ Amended Claims 11, 13 and 15 find support in the claims as previously presented and at least at p. 4, ln. 35-p.5, ln. 1; p. 5, lns 23-28; p. 9 lns. 30-31; of the Specification as originally filed and the single figure, for examples.

² New Claims 21-25 find support in the claims as previously presented and at least at p. 12, lns. 1-5; p. 5, ln. 3; p. 7, lns 19-23, of the Specification as originally filed and the single figure, for examples.

³ See, the Specification as originally filed at p. 11, lns. 31-34.

numeral 4 and 4' indicate "assembly sections" and not the panels.⁴ Accordingly, the Applicant respectfully requests that the objection to the specification be withdrawn.

With respect to the objection of Claims 11-15, the amended Claims now recite "What is claimed is." Accordingly, the Applicant respectfully requests that the objection to the claims be withdrawn.

With respect to the rejection of Claims 11-15 under 35 U.S.C. § 112, second paragraph, Claims 11, 13, and 15 are currently amended. Amended Claim 11 adds proper antecedent basis for "an identical complementary panel", provides antecedent basis for the complementary panel having an assembly system, and clarifies that "the assembly systems of the panel and complementary panel delimit" the first cavity. Amended Claim 13 recites the "injected/foamed plastic" and the "non-expanded material," according the Office Action's suggestion. Amended Claim 15 recites "once the panel and the complementary panel have been assembled, the assembly systems delimit a second cavity, wherein the second cavity is on faces of the assembled panel and the complementary panel," to address the informalities indicated in the Office Action. Accordingly, the Applicant respectfully requests that the rejection of Claims 11-15 under 35 U.S.C. § 112, second paragraph be withdrawn.

Amended independent Claim 11 recites a multilayer insulating panel including an injected/foamed plastic core and two layers of non-expanded material. Amended Claim 11 recites that an integrated assembly system includes two assembly sections, each assembly section is shaped to interlock with an other assembly section of a complementary panel. Amended Claim 11 further recites that when the panel and complementary panel are assembled *the assembly systems of the panel and complementary panel delimit a first adjustable cavity*. Furthermore, the assembly sections and the layers of non-expanded materials are formed as *separate parts*.

⁴ See, the substitute Specification at p. 11, lns. 21.

Turning to the applied references, Figure 1 of Holmgren illustrates a skin construction panel 12 including an outer sheet 14, an inner sheet 15, and a plastic foam core 16.⁵ Figure 2 of Holmgren illustrates first and second partial ribs 32 and 40 formed along respective longitudinal edges 22 and 24 of the outer and inner sheet 14 and 15.⁶ Figure 9 of Holmgren illustrates a first partial rib 32b of a panel 12b will *nest* in the second partial rib 40a of the other panel 12a so as to form two ribs 78 and 80.⁷ Holmgren continues stating that two fasteners or screws 76 are inserted in the ribs 78 and 80 in order to *fasten the panels* 12a and 12b together. However, Holmgren does not suggest or disclose (1) an *adjustable cavity delimited by the assembly of a panel and a complementary panel* or (2) a panel were an assembly section and layers of non-expanded are formed of separate parts.

With respect to (1) above, Holmgren illustrates fasteners are inserted into the ribs making the space formed between the ribs a rigid shape. Fastened ribs forming a *defined space* is not equivalent to an *adjustable cavity* delimited by the assembly of a panel and a complementary panel.

With respect to (2) above, Holmgren illustrates that inner and outer sheets and the first and second partial ribs are integrated together. *Sheets with integrated partial ribs* are not equivalent to an assembly section and layers of non-expanded material that are *separate parts*. Accordingly, Holmgren does not suggest or disclose all of the features of amended Claim 11.

Rudden fails to cure the deficiencies of Holmgren. Specifically, Rudden is does not suggest or disclose (1) an *adjustable cavity delimited by the assembly of a panel and a complementary panel* or (2) a panel were an assembly section and layers of non-expanded are formed of separate parts. Accordingly, Rudden does not suggest or disclose all of the features of amended Claim 11.

⁵ See, Holmgren at col. 2, lns 41-45.

⁶ See, Holmgren at col. 3, lns 3-5.

⁷ See, Holmgren at col. 4, lns 30-35.

Based on the foregoing, even the combined teachings of Holmgren and Rudden do not suggest or disclose all of the features of amended independent Claim 11. Accordingly, amended independent Claim 11 is believed to be in condition for allowance.

Dependent Claims 12-15 are believed to be allowable for at least the same reasons as amended Claim 11 from which they depend. Moreover, dependent Claims 12-15 recite additional features not suggested or disclosed by the cited references.

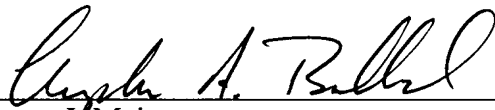
New Claims 21-25 are believed to be allowable for at least the same reasons as amended Claim 11 from which they depend. Moreover, new Claims 21-25 recite additional features not suggested or disclosed by the cited references.

For the reasons discussed above, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. Therefore, a Notice of Allowance for Claims 11-15 and 21-25 is earnestly solicited.

Should the Examiner deem that any further action is necessary to place this application in even better condition for allowance, the Examiner is encouraged to contact the Applicant's undersigned representative at the below listed telephone number.

Respectfully submitted,

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